

ABSTRACT OF THE DISCLOSURE

INTRUSION DETECTION SYSTEM

An intrusion detection system monitors the rate and characteristics of Internet

5 attacks on a computer network and filters attack alerts based upon various rates and frequencies of the attacks. The intrusion detection system monitors attacks on other hosts and determines if the attacks are random or general attacks or attacks directed towards a specific computer network and generates a corresponding signal.

The intrusion detections system also tests a computer network's vulnerability to

10 attacks detected on the other monitored hosts.